

SAF-RC-032
100-F Remaining Sites Burial Grounds -
Soil Full Protocol
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Randy Coffman X9-07 KW 3/13/08
INITIAL/DATE

Kathy Wendt H4-21 KW 3/13/08
INITIAL/DATE

COMMENTS:

SDG 08-A-1008 SAF-RC-032

Rad only X Chem only Rad & Chem
X Complete Partial

Waste Site: 128-F-2 Verification phase 2

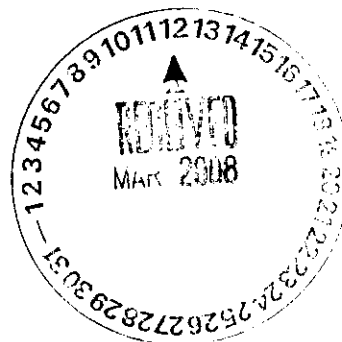
RECEIVED
MAR 18 2008
EDMC



3/12/08
Page 1 of 2

SUBMITTED TO:


Joan Kessner
Washington Closure Hanford
2620 Fermi Avenue, MSIN H4-21
Richland, WA 99354



REFERENCE DATA:

Client Sample No.:	J16DF4
P.O. No.:	Not Available
Sample Location:	128-F-2 Verification phase 2
Sample Type:	Bulk
Method Reference:	DCL Procedure: ENV-004
DCL Set ID No.:	08-A-1008
DCL Sample ID No.:	08-05422
Sample Receipt Date:	3/7/08
Analysis Date:	3/12/08

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using DataChem Laboratories' procedure, ENV-004. The samples were acceptable upon receipt except where noted. Mountings of fibers observed and representative portions of the material were prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the portions of materials analyzed and are summarized on the attached Bulk Asbestos Analysis Data Sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.


Shawn Smythe
Analyst


Anna Marie Ristich
Reviewer

*Some samples may contain fibers that are not visible by PLM and can only be discovered by electron microscopy techniques.

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NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

3/12/08

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Summary**

Client: Washington Closure Hanford
Location: 128-F-2 Verification phase 2
Set ID: 08-A-1008

Client Sample ID:	J16DF4
DCL Sample ID:	08-05422

Macroscopic Examination

Accepted/Rejected:	Accepted
Homogeneity:	Homog.
Color:	Brown
Texture:	Granular
Description:	Soil
Analysis:	PLM

Asbestiform Minerals

% Chrysotile:
% Amosite:
% Crocidolite:
% Tremolite - Actinolite:
% Anthophyllite:

% Total Asbestos: ND

Other Materials

% Cellulose:
% Fiberglass:
% Other Fibers:


% Resin/Binder:

% Non Fibrous: >90 ≤ 100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


Shawn Smythe
Microscopist

All values are in area percent by visual estimate.

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-032-194		Page 1 of 1			
Collector <i>DeBuigne</i>		Company Contact R.T. Coffman		Telephone No. 528-6409		Project Coordinator KESSNER, JH		Price Code <i>SA</i>		Data Turnaround <i>3 DAY</i>	
Project Designation 100-F Remaining Sites Burial Grounds - Soil Full Protocol		Sampling Location 128-F-2 Verification phase 2				SAF No. RC-032					
Ice Chest No. <i>ERC-01-061</i>		Field Logbook No. EFL-1174-4		COA R128F22000		Method of Shipment FED EX					
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No.				Bill of Lading/Air Bill No. <i>SCC 03PC</i>					
POSSIBLE SAMPLE HAZARDS/REMARKS <i>NA</i>		Preservation		None							
Special Handling and/or Storage <i>NA</i>		Type of Container		G/P							
		No. of Container(s)		1							
		Volume		<i>250g 125ml</i>							
SAMPLE ANALYSIS <i>08-A-008</i>				Asbestos- BULK-EPA							
Sample No.		Matrix *		Sample Date		Sample Time					
<i>J16DF4 08-0515A</i>		SOIL		<i>3-5-08</i>		<i>1200</i>		<i>X</i>			
<i>3/11/08 0542Z</i>											
CHAIN OF POSSESSION										SPECIAL INSTRUCTIONS	
Relinquished By/Removed From <i>JR DeBuigne JR DeBuigne</i>				Sign/Print Names <i>[Signature]</i>				Date/Time <i>3-5-08</i>			
Relinquished By/Removed From <i>WHL</i>				Received By/Stored In <i>[Signature]</i>				Date/Time <i>3/5/08</i>			
Relinquished By/Removed From <i>WHL</i>				Received By/Stored In <i>[Signature]</i>				Date/Time <i>3/6/08</i>			
Relinquished By/Removed From <i>[Signature]</i>				Received By/Stored In <i>[Signature]</i>				Date/Time <i>3/7/08</i>			
Relinquished By/Removed From				Received By/Stored In				Date/Time			
Relinquished By/Removed From				Received By/Stored In				Date/Time			
Relinquished By/Removed From				Received By/Stored In				Date/Time			
LABORATORY SECTION		Received By <i>[Signature]</i>		Title <i>3/7/08 1267</i>		Date/Time <i>3/7/08 1267</i>		Matrix * S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Dry Solids DL=Dry Liquids T=Tissue W=Wipe L=Liquid V=Vegetation X=Other			
FINAL SAMPLE DISPOSITION		Disposal Method <i>[Signature]</i>		Disposed By <i>[Signature]</i>		Date/Time <i>3/7/08 1267</i>		Date/Time			